

plaster cream agent and cataplasm. With respect to cataplasm, however, it has been such that indomethacin decomposes with time, and the efficiency of discharging indomethacin from the base was not necessarily good. As a result, the desired treatment effect has not been obtd. under the circumstances.

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Derwent Class: A96; B02; D22

International Patent Class (Additional): A61K-009/70; A61K-031/40

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WPI Acc No: 87-031748/198705

Cataplasm contg. ketoprofen useful for e.g. neuralgia - includes ointment contg. thickener, polyhydric alcohol solubilising agent, water and stabiliser

Patent Assignee: HISAMITSU PHARM CO LTD (HISM)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 61275212	A	19861205	JP 8590710	A	19850425		198705 B
JP 94062401	B2	19940817	JP 8590710	A	19850425	A61K-009/70	199431

Priority Applications (No Type Date): JP 8590710 A 19850425

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 61275212	A		13			
JP 94062401	B2		11	Based on		JP 61275212

Abstract (Basic): JP 61275212 A

Cataplasm contains ketoprofen as an active substance. An ointment comprises a thickener, a polyhydric alcohol, a solubilising agent, water and stabiliser.

Prefd. thickener contains sodium polyacrylate, gelatin, polyvinyl alcohol and copolymer of methylvinylether and maleic acid anhydride in prefd. proportion to cataplasm 2-5 wt.%, 2-6 wt.%, 2-5 wt.% and 1-4 wt.%, respectively. Pref. polyhydric alcohol is the one of glycerin, propylene glycol, sorbitol, ethylene glycol, diethylene glycol, polyethylene glycol, polypropylene glycol and 1,3-butylene glycol. Pref. proportion of the cataplasm is 20-30%. Pref. proportion of the solubilising agent, water, stabiliser and ketoprofen is 0.2-6 wt.%, 40-60 wt.%, 0.1-5 wt.% and 0.2-3 wt.%. Prefd. pH value of the cataplasm is 5-6.5. Opt. cataplasm contains filling materials, pH adjusting agents, antiseptics, pharmaceutical aids, antioxidants, emulsifiers, crosslinking agents or absorbifaciants.

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Derwent Class: A96; B05; D22

International Patent Class (Main): A61K-009/70

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JP 61022012 A

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Abstract (Basic): JP 61022012 A

Novel cataplasms have methyl vinyl ether maleic anhydride copolymer and latex as the substrate material.

Pref. the methyl vinyl ether maleic anhydride copolymer is used at 0.1-10.0 wt.% and the latex is used at 1.0-40 wt.% of the total substrate material.

Pref. the cataplasm is prepd. by blending methyl vinyl ether maleic anhydride copolymer, latex, gelatin, polyhydric alcohol, water, a pharmacologically active ingredient and other components to give homogeneous mixt. then coating the mixt. onto a supporting material, and forming a peeling-off layer on it.

ADVANTAGE - A pharmacologically active ingredient such as salicylic acid ester, etc. can be kept stable for a long period of time, and good stickiness, coagulation, humidity-retention and good peeling props. can be attained. (5pp)

Derwent Class: A96; B07; D22

International Patent Class (Additional): A61K-009/70

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